

REMARKS

Applicants respectfully request reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

Claims 1, 2, and 5 are currently being amended.

Entry of the amendments is requested under the provisions of 37 CFR § 1.116 as complying with requirements of form (antecedent basis) in the Office Action, and also (with regard to the added “emergency signal” limitation) to put the claims into better form for consideration on appeal.

This amendment adds, changes and/or deletes claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier.

After amending the claims as set forth above, claims 1-19 are now pending in this application.

Rejections under 35 U.S.C. § 112

Claims 2, 5, 6, and 12-19 stand rejected under 35 U.S.C. § 112, second paragraph, as indefinite. The claims have been amended to address the antecedent basis points identified by the Office. Withdrawal of these rejections is respectfully requested.

Rejections under 35 U.S.C. § 102

Claims 1-8 and 12-16 stand rejected under 35 U.S.C. § 102(b) as allegedly anticipated by JP 6-115786 or JP 6-74104. These rejections are respectfully traversed because these references do not satisfy all of the limitations of the rejected claims.

Claims 1 and 2

JP 6-115786 does not satisfy all of the limitations of independent claims 1 and 2. For example, JP 6-115786 does not disclose “a pressure change assigning means” that includes “a

path change-over device and at least one fluid pressure setting device.” Although the Office discusses other features of the claims in the Office Action the Office does not provide a basis for how JP 6-115786 discloses these features. See Office Action at pages 2, 3, and 5. Indeed it could not because JP 6-115786 is silent in regard to these features. Furthermore, JP 6-115786 does not disclose “a paper roll detachment and change-over means for changing a path of fluid for creating pressure in the pressing means.” The Office has not provided a basis for how JP 6-115786 discloses this feature either. JP 6-115786 does not disclose such a means “for changing a path of fluid for creating pressure in the pressing means” because JP 6-115786 is silent in regard to fluid paths. Withdrawal of this rejection is respectfully requested.

Turning to the other reference, JP 6-74104 does not satisfy all of the limitations of independent claims 1 and 2. For example, JP 6-74104 does not disclose that the mounting device functions in an emergency stop to increase contact force between the support and the inner tube of a paper roll; nor does JP 6-74104 disclose that the mounting device is capable of this function. The Office states that “[t]he valves 18, 27 can be operated to increase the force exerted by the support means on the tube of the paper roll during emergency braking.” See Office Action at page 5. However, the Office does not explain how these valves 18, 27 can be configured to provide an increased amount of pressure from the pressure supply source 20. The Office has not provided a sufficient explanation for how the mounting device allegedly provides an increased amount of pressure by simply stating the valves 18, 27 can be operated. Furthermore, the Office has not shown how JP 6-74104 provides an emergency signal for an emergency stop. Withdrawal of this rejection is respectfully requested.

Claim 5

Claim 5 depends from claim 1 and is allowable therewith for at least the reasons set forth above without regard to the further patentable limitations contained in this dependent claim. These patentable limitations include, for example, “wherein the path change-over device is adapted to receive fluid at a normal contact pressure from the paper roll detachment and change-over means and from a first fluid pressure setting means, and wherein the path

change-over device is adapted to receive fluid at an emergency contact pressure from a second fluid pressure setting means.”

JP 6-74104 discloses a mounting device that includes a bypass air line 25 that bypasses the first three-way valve 18 and the first pressure reduction valve 19 to connect a second three-way valve 27 to the pressure air supply source 20. See abstract of JP 6-74104, an English version of which is attached (as it was with the IDS of November 2003), and Figure 1 of JP 6-74104. JP 6-74104 discloses that a second pressure reduction valve 26 provides a pressure to the bypass air line 25 that is lower than the pressure supplied by the first pressure reduction valve 19. Because the second pressure reduction valve 26 provides pressure that is lower than the pressure supplied by the first pressure reduction valve 19, the second pressure reduction valve 26 does not provide an emergency contact pressure to the second three-way valve 27. Therefore, JP 6-74104 does not disclose all of the features of claim 5.

Rejection under 35 U.S.C. § 103

Claims 9-11 and 17-19 stand rejected under 35 U.S.C. § 103(a) as unpatentable over either JP 6-115786 or JP 6-74104 in view of U.S. Patent No. 6,299,099 (hereafter “Miller”). This rejection is respectfully traversed because claims 9-11 and 17-19 depend from independent claims 1 and 2, respectively, and are allowable therewith for at least the reasons set forth above without regard to the further patentable limitations contained in these dependent claims.

Claims 10 and 18 depend ultimately from claims 1 and 2, respectively, and are allowable therewith for at least the reasons set forth above without regard to the further patentable limitations contained in claims 10 and 18. These patentable limitations include, for example, support members that each include a contact member, an insertion section, and a flange, “wherein the contact members travel along first inclined grooves formed in the surface of the insertion section of each support member,” “wherein the first inclined grooves are gradually shallower in a radial direction so that as the base section of the contact member moves towards the flange the base section projects further from the insertion section.”

Miller discloses a hydraulic web roll shaft that includes a lug actuating piston 50 that pushes against pressure translating pieces 52 that in turn press a set of pressure applying members 54 outward against the core 56 of a web roll 57. See Miller at col. 3, lines 41-46. In other words, the lug actuating piston 50 moves within the pressure translating pieces 52, causing the pressure translating pieces 52 to slide along the lug actuating piston 50 as the lug actuating piston 50 moves. Miller further discloses that the pressure translating pieces 52 are constrained in movement by cylindrical housing 58. See Miller at col. 3, lines 46-48. Therefore, the pressure translating pieces 52 are incapable of moving towards a flange of the support member because the pressure translating pieces 52 are constrained in this direction of movement. Withdrawal of this rejection is respectfully requested.

Applicants submit that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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